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No 12, 1956, pp 435-440.

CSTRO 3669

Sci - Engr
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Improving Working Conditions During Tractor
Operation at Increased Speeds, by E. Ya.
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JPRS 29121

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(DC-4700/4)

Reforming Wages for Motor Transportation and
Highway Personnel, by P. Ulitskiy, 8 pp.

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JPRS 6861

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Method of Computing Creep and Shrinkage Deformation of Concrete for Practical Purposes, by
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May 63

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Steric Factors in the Recombination and Disproportionation of radicals and in their formation from molecules, by A. D. Stepukhovich, V. A. Ulitskiy, 3 pp.

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Sci

Aug 62

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Integrals of Cauchy Type, by P. L. Ul'janov,
22 p.
RUSSIAN, per, ^{2/4}Trudy Matematicheskogo Instituta Steklov,
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Jun 66

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RUSSIAN, per, Izvestiya Akademii Nauk SSSR,
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Acceleration of Large Rotating Masses by Means
of A. C. Squirrel Cage ~~EM~~ Rotors, by R. Ulke.

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Sci - Engr
Oct 61

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(DC-5477).

Developments Concerning Electoral Registers in
Turkey, by Resit Ulker,

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NE/A - Turkey

Pol - Balloting

27 Feb 61

Chemico-Analytical Properties of Xanthates. III.
Colorimetric Determination of Cobalt as the
Ethylxanthate Complex, by A. T. Pilipenko, N. V.
Ulko, 6 pp.

Full translation.

RUSSIAN, bimo per, Zhur Anal Khim, Vol X, No 5,
1955, pp 299-304. CIA C 41024

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Scientific - Chemistry
Mar 56 CTS/dex

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Typical Combined Pictures in Multiply Degen-
erations, by O. Ulrich,
CHEMIE, per, Z. Kinderheilk, Vol XLIX, 1930,
pp 271-276.
REU MIN 5-1-67

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O. Ulrich

Sci-BAM
Jun 67

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A Contactless Flow-Meter for Liquid
Metals, by L. Ya. Ulmanis.
RUSSIAN, per, Patent No 150654, Mar 1960.
•FTD-27-67-468

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L. Ya. Ulmanis

Sci - Materials
Mar 67

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*CFSTI TT 70-53078

H. ULLRICH

Sept 70

Homogeneous Chemical Reaction Kinetics, by H. Ullrich,
M. Dietze.

GERMAN, per, Chemie-Ingenieur-Technik (West Germany)

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SLA TT-65-13408

H. Ullrich

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On the question of Marginal Effects in Linear
Induction Pumps, by L. Ya. Ulmanis,
RUSSIAN, per, Trudy Instituta Fizika, No 3,
pp 81-94.
*FTD-HT-67-469

L. A. Ulmanis

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L. Ya. Ulmanis.
RUSSIAN, rpt, 1962, pp 561-567.
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L. Ya. Ulmanis

Sci - Mech, Industrial, Civil
& Marine Engr
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Measurement of the Component Inductions
of the Magnetic Field in the Clearance
of an Induction Pump, by L. Ya. Ulanis.
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*FTD-HT-67-473

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& Marine Engr
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Amorphous Carbon (3), by F. Ulmann, J. Reitstotter,

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ATS-90L340

Sci
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Vol 3, No 4

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Change of State in Dilute Starch Solutions,
Part 1. Chromatography, by M. Ulmann.
GERMAN, per, Kolloid-Zeit. Vol 123, No 2/3
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NTC 69-12671-070

M Ulmann

Sci-Chem
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Compounds, a Contribution to the Problem of
Solubilizing Water-Insoluble Drug Substances,
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SLA 3467

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NIE 3-48-61

Sci - Med
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Physiological Tolerance of Surface-Active
Substances Used as Solubilizing Agents and
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XXVII, Jan 1957.

SLA 57-2823

Sci
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Origin, Chemism, and Properties of Pyrogenic Substances
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Full translation.

GERMAN, Arzneimittel-Forschung, Vol. III, No 2,
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CIA/PDD/X-878

Scientific - Medicine

Jun 53 CTS

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Fluorosilicate, by Fritz Ullmann, 8pp
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Chemie, 1930, pp 47-50
DA 71-61-20458

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Sci - Eng
May 67

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1930, pp 411-412.
SLA TT 64-20457

Fritz Ullmann

May 67 325,026

Ullmann [F.].
SILICON COMPOUNDS. [1963] [17]p. 43 refs.
Order from SLA \$1.60 63-14648

Trans. of mono. Enzyklopaedie der Technischen
Chemie, v. 9, 2d ed., n.p., 1932, p. 508-513.

DESCRIPTORS: *Silicon compounds, Physical
properties, Chemical properties, Production, Quartz,
*Silicic acids, Colloids, Gels.

(Engineering--Chemical, TT, v. 10, no. 7)

63-14648

I. Ullmann, F.

1247502

Office of Technical Services

Leukoplakias and Cancer Formation in the Various
Mucosal Regions, Part I, by Dr Karl Ullmann, 11 pp.

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CTS 66/Mar 1975

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Electronic Drive Control in Metallurgical Works,
Illustrated on a Tube Push Bench, by J. Ullmann.

GERMAN, per, Bander, Bleche, Rohre, Jan 1963,
pp 13-16.

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Sci - Electron, M/N
Jun 63

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Leukoplakias and Cancer Formation in the Various
Mucosal Regions, by Dr Karl Ullmann, 19 pp.

GERMAN, per, Wiener Med. Hoch., Vol LXXXV,
27 Apr 1935, pp 488-491. CIA D 151144

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Scientific - Medicine

22, 198

OTS 66/Mar 1935

Electronic Counters Assure Constant Accuracy in
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GERMAN, per, Bander, Bleche, Rohre, Jan 1962,
pp 17-20.

BISI 2978

Sci - Engr

Jan 63

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Electronic Roll Adjustment for Heavy Plate Mills,
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BISI 2544

Sci - Engr

Mar 62

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Ulmann, M.

**DETERMINATION OF THE CHEMICAL NATURE OF
THE SHELL OF A SWELLED STARCH GRANULE**

[1963] 16p. 30 refs.

Order from SLA \$1.60

63-16482

Trans. of Kolloid Zeitschrift (West Germany) 1957,
v. 150, no. 2, p. 128-134.

DESCRIPTORS: *Starches, *Amylose, *Pectins,
Chemical analysis, Separation, Sodium compounds,
Salicylic acids, Solvents.

In the separation of the starch constituents with sodium
salicylate solutions into a "shell substance" insoluble
in this solution, and the "starch substance" which is
soluble therein, the constituents are amylopectin and
amylose, as was proved with a chromatographic in-
vestigation using a Al_2O_3 -column. In several in-
(Biological Sciences--Biochemistry, TT, v. 10, no. 7)
(over)

63-16482

I. Ulmann, M.

A247301

Office of Technical Services

The Chromatography of Soluble Starch, by 10/
M. Ulmann.
GERMAN, per, Kolloid-Zeit, Vol 116, No 1,
1950, pp 10-18.
NTC 69-12670-07D

M. Ulmann

Sci-Chen
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TT-65-13895

Field 11L

Ullman, U.; Billing, O.; Jonsson, A.
FIBER CLASSIFICATION AS A METHOD TO CHARAC-
TERIZE PULP. PT. I. THE SIGNIFICANCE AND
REPRODUCEBILITY OF THE CLASSIFICATION RESULTS.
18p (figs tables refs omitted).
Order from SLA: \$1.60 as TT-65-13895

Trans. of Svensk Pappers-tidning, v66 n7 p230-48 1965.

1. Title: Significance...

MR 687

Experience With Wet Strength Measurements as a
Method of Process Control, by U. Ullman, 15 pp.

SWEDISH, per, Svensk Pappers-tidning, Vol LXI,
No 14, 1958, pp 445-453.

Assoc Tech Serv 82K258
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SLA 57-17515

Sci - Chem
OTB I, 4
Apr 59

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Uddo Ullman, 23 p.

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SLA 59-17053

Sci
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Vol 2, No 6

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The Agietron, a Machine Tool for Electric Spark
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pp 23-28.

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Development of a Water Control Instrument for a Specific Water Activity of Less Than 10^{-7} c/ml, by 107
W. Ullmann, 11 pp.

GERMAN, for, Isotopen Tech., 9228264, Vol 1,
1961, pp 248-250.

AEC GML-tr-394

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Sci-Engr.
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W. Ullmann

Resistance to Cooperation in Some Branches of
Cuba, by G. HERR, 11 pp.
SPAIN, Rev. Estudios, Vol VII, No 1, 2, 1967,
pp 8-12.
NN 3-1-64

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 Jan 64

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The New (German) Patent Law, by A. Ullrich, 7 pp.

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SIA Tr 754/1955

Sci - Chem

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Ullrich, Beuschel [H.] and others.
DESIGN OF PLASTIC ITEMS AND CONSTRUCTION
OF MOLDS FOR THE INJECTION MOLDING OF
LOW-PRESSURE POLYETHYLENE AND POLYPRO-
PYLENE. II. CONSTRUCTION OF MOLD FOR LOW-
PRESSURE POLYETHYLENE (Artikelgestaltung und
Werkzeugkonstruktion bei der Spritzgussverarbeitung
von Niederdruck-Polyethylen und Polypropylen. II.
Werkzeugkonstruktion bei Niederdruck-Polyethylen).
[12 Feb 63] [21p. (foreign text included) 4 refs.
Order from SLA \$2.60 63-18390

Trans. of Plastverarbeiter (West Germany) 1961, v. 12,
no. 11, p. 504-511.

DESCRIPTORS: *Polyethylene plastics, *Propenes,
Material forming, *Molding, Injection, *Dies, Con-
struction, Cooling, Colors

(See also 63-18347)

(Materials--Plastics TT, v. 10, no. 11)

63-18390

- I. Title: Polypropylene
- I. Ullrich
- II. Beuschel, H.
- III. Title: Construction...
- IV. Title: Werkzeug-
konstruktion...

Office of Technical Services

Ulrich, Beuschel [H.] and others.
DESIGN OF PLASTIC ITEMS AND CONSTRUCTION
OF MOLDS FOR THE INJECTION MOLDING OF
LOW-PRESSURE POLYETHYLENE AND POLY-
PROPYLENE, L. [7 Feb 63] [16]p. 2 refs.
Order from SLA \$1. 60

63-18347

Trans. of der Plastverarbeiter (West Germany) 1961,
v. 12, no. 10, p. 454-458.

DESCRIPTORS: *Polyethylene plastics, *Propenes,
Material forming, *Molding, Injection.

The formation of molded articles from low pressure
polyethylene is considered. The aspects differing
from polypropylene are especially discussed. The
experiences communicated for low pressure poly-
ethylene and polypropylene were gained mostly by
processing Hostalen G and Hostalen PP.
(Materials--Plastics, TT, v. 10, no. 11)

63-18347

1. Title: Polypropylene
- I. Ulrich
- II. Beuschel, H.

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Study of the Causes of Frost Resistance. I.
Investigation of the Temperature Exchange of Ricinus
Leaves by Determination of Surface Temperatures,
by E. Ullrich and A. Made,

BERMAN, Planta, No 2, 1938, p 344-351.

SIA CSIRO 3160

Sci

Jul 58

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Protective Action of Sugars in Frost
Resistance of Winter Wheats, by H. Ullrich,
U. Heber.
GERMAN, per Pflanta, Vol. 48, 1957, pp 724-728
NZDIA

H. ULLRICH

Sci -
Aug 67

337-350

Ulrich, J.
PROCESSES IN THE COMBUSTION CHAMBER OF AN
OIL-FIRED GLASS MELTING TANK. PT. II. FLOW,
GAS COMPOSITION AND TEMPERATURES. Dec 63
Order from BGIRA BGIRA-594

Trans. of Glastechnische Berichte (West Germany)
1963, v. 36, no. 5, p. 170-179.

DESCRIPTORS: *Glass, Melting, Tanks (Containers),
Combustion chambers, Fluid flow.

(Materials--Ceramics, TT, v. 11, no. 7)

TT-64-12534

I. Ulrich, J.
II. Title: Flow . . .
III. BGIRA-594
IV. British Glass Industry
Research Association,
Sheffield (England)

1678476

Office of Technical Services

Ulrich, J.
PROCESSES IN THE COMBUSTION CHAMBER OF AN
OIL-FIRED GLASS MELTING TANK. I. SPREAD OF
THE FLAME. Nov 63
Order from BGIRA

BGIRA-585

Trans. of Glastechnische Berichte (West Germany)
1963, v. 36, no. 4, p. 121-130.

DESCRIPTORS: *Glass, Melting, Furnaces,
Combustion chambers, Flames, Tanks (Containers)

(Materials--Ceramics, TT, v. 11, no. 9)

TT-64-12358

- I. Ulrich, J.
- II. Title: Spread . . .
- III. BGIRA-585
- IV. British Glass Industry
Association,
Sheffield (England)

Office of Technical Services

WATER AND ELECTROLYTE FLOW IN THE VASCULAR COUNTER-
CURRENT SYSTEM OF THE RENAL MEDULLA. WITH A THEORETICAL
CONTRIBUTION BY R. SCHLOGL: "SALT TRANSPORT THROUGH
UNCHARGED POROUS MEMBRANES." LO PP, BY K. J. ULLRICH,
G. PEHLING.

GERMAN, PER, PFULGERS ARCHIV, VOL CCLXXIII, 1961,
PP 562-572.

NIH 5-13-62

SCI - MED
AUG62

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Active Sodium Transport and Oxygen Consumption
in the Outer Medullary Zone of the Kidney, by
K. J. Ullrich, 19 pp.

GERMAN, per, Pflugers Arch, Vol CCLXVII, 1958,
pp 207-217.

NTR 1-18

Sci - Med

Feb 59

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The Behavior of Urea in the Collecting Tubes
of the Mammalian Kidney, by J. D. Klumper,
K. J. Ulrich, H. H. Hilger, 11 pp.

GERMAN, per, Pflügers Arch, Vol CCLXVII,
1958, pp 238-242.

NIH 1-15

Sci - Med

Feb 59

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Secretion of Ammonium Ions in The Collecting
Tubes of the Mammalian Kidney, by K. J. Ullrich,
H. H. Hilger, J. D. Klumper, 15 pp.

GERMAN, per, Pflügers Arch, Vol CCLXVII, 1958,
pp 244-250.

MMH 1-17

Sci - Med

Feb 59

80,843

Resorption of Water and Ion Transport by
the Cells of the Collecting Tubules of the Hamster
Kidney, by H. H. Hilger, J. D. Kimmann,
and K. J. Ulrich, 33 pp.

GERMAN, FOR, Z Pflugs Arch, Vol COLLEVII, 1970,
pp 218-237.

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WH 12-XX

Sci - Med

Feb 59

80, 478

O₂ Saturation and Hemoglobin Content of the
Capillary Blood of the Renal Cortex, by Kurt
Kramer, Karl Ulrich, 26 pp.

BERMAN, per, Pflugers Arch, Vol CCLXVII, 1978,
pp 251-264.

NIH 1-16

Sci - Med

Feb 59

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TT-65-13408

Field 7A

Ullrich, H.; Dietze, M.
HOMOGENEOUS CHEMICAL REACTION KINETICS.
24p, 10 refs.
Order from SLA: \$1.60 as TT-65-13408

Trans. of Chemie-Ingenieur-Technik (West Germany)
v36 n7 p717-29 1984.

MR 655

THE HEMOGLOBIN CONCENTRATION, NUMBER OF ERYTHROCYTES
AND HEMATOCRIT IN THE BLOOD OF THE VASA RECTA, BY
KARL J ULLRICH, GUNDULA ~~FEHLING~~, 4 PP.

GERMAN, PER, PFLUGERS ARCHIV, VOL CCLXXIII, 1961,
PP 575--578.

NIH 5-15-62

SCI - BIOL

AUG 62

2807,830

The Distribution of Na, K, Ca, Mg, Cl, ~~Fe~~
PO₄ and urea in the Cortex and Medulla of the
Dog Kidney in Different Functional Conditions,
by W. Overbeck, K. H. Jarausch, K. J. Ullrich,
4 pp.

GERMAN, no per, Ber. ges Physiol, Vol CXXX,
Feb 1956, pp 131,132.

NIE Tr No 1-20

Sci - Medicine
Feb 1957 CTS/dex

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Investigations on the Problem of Urine
Concentration and Dilution. The Osmotic
Behavior of Kidney Cells and the Accompanying
Electrolyte Accumulation in Renal Tissue in
Different States of Diuresis, by K. J. Ullrich,
F. O. Drenckhahn, K. H. Jarausch, 27 pp.

GERMAN, per, Pflügers Arch, Vol CCLXI, 1955,
pp 62-77.

SLA 57-262
NIH Tr No 2-33

Sci - Medicine
& Apr 1957 CTS/dax

45, 421

On the Existence of the Parhydroxyl Radical in Aqueous
Solution and its Significance in Oxidation Reactions, by
H. Staudinger, V. Ullrich.
GERMAN, per Z. Naturf. Vol. 196, 1964, pp 877-882

Sci -
Aug 67

U. Ullrich

399-514

The Effect of the Working Practice on the
Metallurgical Processes in Open Hearth
Steelmaking, by G. Tromel, W. Ullrich.

GERMAN, per, Stahl und Eisen, Vol LXXXIII,
1963, pp 1226-1234.

BISI 3452

Sci - M/M
Jan 64

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The Level of Development of the All-Basic Open-Hearth Furnace in the German Democratic Republic, by F. Rabes, L. Ullsperger.

GERMAN, per, Neue Hutte, Apr 1960, pp 224-232.

BISI 1759

Sci - Engr

Aug 60

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(NY-5273)

Status of Development of Full-Basically Lined
Open-Hearth Furnaces in East Germany, by Friedhold
Habes, Leo Ullasperger, 23 pp.

GERMAN, per, Neue Hütte, Vol V, No 4, 1960,
pp 218-232.

JPRS 7668

Eur - Germany
Leon
Feb 61

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Determination of the Resistance to Deformation in
Dynamic Upsetting and of the Coefficient of
External Friction for Several Structural Steels, by
K. Ginzburg, E. Ul'man.

RUSSIAN, per, Stal', No 6, 1939, pp 26-28.

ELL M.4271

Sci - Chem

May 62

193, 753

Synthesis of Certain Aromatic Amines Having Trifluoromethyl Groupings and Investigation of Their Possible Application in Cold Dyeing, by A. E. Poray-Koshits, B. A. Poray-Koshits, L. S. Efros, M. I. Krylova, D. A. Livshits, K. Yu. Maryanovskaya, I. P. Aleksandrova, E. E. Ulman, 8 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 9, 1955, pp 969-975. CIA C 42516

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Transverse Edge Effect in Induction Pumps, by
L. Ya. Ulsania, 7 pp.
RUSSIAN, rpt. Riga, Voprosy Magnitnoy Gidrodina-
miki i Dinamiki Plazmy, 1962, pp 361-367.
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FTL-WT-67-472

Sci-Mech
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Physical Phenomena Accompanying Inductive Action
of a Traveling Magnetic Field on a Layer of
Liquid Metal, by L. Ya. Umanis, 8 pp.

RUSSIAN, por, AN LATSSR, Otdeleniya Fizicheskikh
i Tekhnicheskikh Nauk, Riga, 1963, pp 3-11.

P100156968-V

FTD-HT-67-479

L. Ya. Umanis

Sci/Phys

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Measurement of Magnetic Field Induction Com-
ponents in the Gap of An Induction Pump,
by L. Ya. Ulmanis, 7 pp.
RUSSIAN, per, Voprosy Magnitnoy Gidrodinamiki,
1963, pp 153-159.
P100015268
FTB-ET-67-473

L. Ya. Ulmanis

Sci-Physics
Feb 68

350,587

Edge Effects in Linear Induction Pumps,
by L. Ya. Ulmanis, 15 pp.
RUSSIAN, per, AN LATSER. Institut Fiziki.
Trudy, No 3, 1956, pp 81-94.
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FTD-HT-67-469

Sci-Physics
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L. Ya. Ulmanis

350,616

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Passage of Gamma-Rays Through a Collimator, by
N. Dubinskaya, V. Ulmanis, 9686818

RUSSIAN, per, Iz AN Latvinskoy SSR, No 4, 1960,
pp 99-104.

FTD-TT-61-552

Sci-Phys
Jan 63

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Passage of Gamma-Rays Through a Collimator, by
N. Dubinskaya, V. Ulmanis

RUSSIAN, per, Iz AN Latvinskoy SSR, No 4, 1960,
pp 99-104. 9686818

FTD-TT-61-552

Sci-Phys
Jan 63

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Investigation of the Back-Scattering of Gamma-
Radiation, by N. Dubinskaya, U. Ulmanis, 5 pp.

~~RUSSIAN~~
^{LATVIAN}, per, Latvijas PSR Zinatnu Akademijas
Vestis, No 7 (120), 1957, pp 147-150. 9678168

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Sci - Phys

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Nov 62

Investigation of the Solution States of High-Polymer Natural Substances, M. Ulmann,

Full translation.

GERMAN, per, Angewandte Chemie, Vol ^{XLIX}~~49~~, No 52, Germany, 1936, pp 926-928.

AEC Tr 1164

PRB-71-11

A 12337

Scientific - Chem

Mar 52 CTS

Regarding a Successful Treatment of Skin
Lesions Caused by Radiation, by E. Ulmann,
G. Schambye, 23 pp.

GERMAN, per, Strahlentherapie, Vol LII, 1935,
pp 282-298.

SLA Tr 57-282

Sci - Med
Jul 57

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H2 FTD (TDBDR-1)

2-15-7
BT67-9-22T

Dup check for info only

On the question of the transverse marginal effect
in induction pumps

Ushakov, L. Ya.

Russian collection: Riga, 1962, 561-567

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ST. N. G. VANDERBILT, 19 79.

MONGOLIAN, PER, NORTH AMERICA, NO 2, 1960, PP 61-62.

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PER

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PUBLIC CONSUMPTION FUNDS, BY A. UL'MASOV,
8 PP.

RUSSIAN, PER, KOMMUNIST UZBEKISTANA, NO 9,
1962, PP 78-84.

JPRS 17269

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